



A - cross-section stretch top  
 As - stretch top  
 M - weight  
 r - inside bend radius  
 ex - throw at the profile side to the axle Y  
 ey - throw at the profile side to the axle X  
 I - inertia momentum  
 W - strength momentum  
 i - cross-section inertia radius

## Profile U

Max length up to 12360 mm

Material: hot dip galvanised steel

Steel quality S350GD+Z275

Profile	t	h	b	b1	r	A	As	M	ex	Ix	X - X Wx	ix	ly	Y - Y Wy	iy
	mm	mm	mm	mm	mm	cm <sup>2</sup>	m <sup>2</sup> /m	kg/m	mm	cm <sup>4</sup>	cm <sup>3</sup>	cm	cm <sup>4</sup>	cm <sup>3</sup>	cm
U 5008	0.80	50.00	40.00	40.00	0.80	1.02	0.26	0.80	12.71	4.58	1.83	2.12	1.77	0.65	1.32
U 5010	1.00	50.00	40.00	40.00	1.00	1.27	0.26	0.99	12.81	5.65	2.26	2.11	2.19	0.80	1.31
U 5012	1.20	50.00	40.00	40.00	1.20	1.51	0.25	1.19	12.92	6.68	2.67	2.10	2.60	0.96	1.31
U 5015	1.50	50.00	40.00	40.00	1.50	1.88	0.25	1.47	13.07	8.18	3.27	2.09	3.20	1.19	1.31
U 5020	2.00	50.00	40.00	40.00	2.00	2.47	0.25	1.94	13.33	10.53	4.21	2.07	4.16	1.56	1.30
U 5025	2.50	50.00	40.00	40.00	2.50	3.04	0.25	2.39	13.59	12.71	5.08	2.04	5.07	1.92	1.29
U 5030	3.00	50.00	40.00	40.00	3.00	3.60	0.25	2.83	13.85	14.71	5.88	2.02	5.93	2.27	1.28
U 7008	0.80	70.00	40.00	40.00	0.80	1.18	0.30	0.93	11.04	9.70	2.77	2.87	1.98	0.68	1.29
U 7010	1.00	70.00	40.00	40.00	1.00	1.47	0.30	1.15	11.14	11.99	3.42	2.86	2.45	0.85	1.29
U 7012	1.20	70.00	40.00	40.00	1.20	1.75	0.29	1.38	11.23	14.23	4.06	2.85	2.91	1.01	1.29
U 7015	1.50	70.00	40.00	40.00	1.50	2.18	0.29	1.71	11.37	17.49	5.00	2.84	3.59	1.26	1.29
U 7020	2.00	70.00	40.00	40.00	2.00	2.87	0.29	2.25	11.61	22.68	6.48	2.81	4.69	1.65	1.28
U 7025	2.50	70.00	40.00	40.00	2.50	3.54	0.29	2.78	11.85	27.55	7.87	2.79	5.73	2.03	1.27
U 7030	3.00	70.00	40.00	40.00	3.00	4.20	0.29	3.30	12.09	32.13	9.18	2.76	6.72	2.41	1.26
U 10008	0.80	100.00	40.00	40.00	0.80	1.42	0.36	1.11	9.24	21.89	4.38	3.93	2.20	0.72	1.25
U 10010	1.00	100.00	40.00	40.00	1.00	1.77	0.36	1.39	9.33	27.13	5.43	3.92	2.73	0.89	1.24
U 10012	1.20	100.00	40.00	40.00	1.20	2.11	0.35	1.66	9.42	32.27	6.45	3.91	3.25	1.06	1.24
U 10015	1.50	100.00	40.00	40.00	3.00	2.63	0.35	2.06	9.55	39.80	7.96	3.89	4.02	1.32	1.24
U 10020	2.00	100.00	40.00	40.00	2.00	3.47	0.35	2.72	9.77	51.90	10.38	3.87	5.25	1.74	1.23
U 10025	2.50	100.00	40.00	40.00	2.50	4.29	0.35	3.37	10.00	63.43	12.69	3.84	6.42	2.14	1.22
U 10030	3.00	100.00	40.00	40.00	3.00	5.10	0.35	4.01	10.22	74.41	14.88	3.82	7.55	2.54	1.22
U 12508	0.80	125.00	40.00	40.00	0.80	1.62	0.41	1.27	8.15	36.89	5.90	4.77	2.34	0.73	1.20
U 12510	1.00	125.00	40.00	40.00	1.00	2.02	0.41	1.58	8.24	45.76	7.32	4.76	2.90	0.91	1.20
U 12512	1.20	125.00	40.00	40.00	1.20	2.41	0.40	1.89	8.32	54.49	8.72	4.75	3.46	1.09	1.20
U 12515	1.50	125.00	40.00	40.00	1.50	3.00	0.40	2.36	8.45	67.34	10.77	4.74	4.27	1.35	1.19
U 12520	2.00	125.00	40.00	40.00	2.00	3.97	0.40	3.12	8.67	88.06	14.09	4.71	5.58	1.78	1.19
U 12525	2.50	125.00	40.00	40.00	2.50	4.92	0.40	3.86	8.89	107.95	17.27	4.68	6.85	2.20	1.18
U 12530	3.00	125.00	40.00	40.00	3.00	5.85	0.40	4.60	9.10	127.01	20.32	4.66	8.06	2.61	1.17
U 15008	0.80	150.00	40.00	40.00	0.80	1.82	0.46	1.43	7.30	56.94	7.59	5.60	2.45	0.75	1.16
U 15010	1.00	150.00	40.00	40.00	1.00	2.27	0.46	1.78	7.38	70.70	9.43	5.58	3.04	0.93	1.16
U 15012	1.20	150.00	40.00	40.00	1.20	2.71	0.45	2.13	7.47	84.26	11.23	5.57	3.62	1.11	1.15
U 15015	1.50	150.00	40.00	40.00	1.50	3.38	0.45	2.65	7.60	104.25	13.90	5.56	4.47	1.38	1.15
U 15020	2.00	150.00	40.00	40.00	2.00	4.47	0.45	3.51	7.81	136.62	18.22	5.53	5.85	1.82	1.14
U 15025	2.50	150.00	40.00	40.00	2.50	5.54	0.45	4.35	8.02	167.83	22.38	5.50	7.17	2.24	1.14
U 15030	3.00	150.00	40.00	40.00	3.00	6.60	0.45	5.18	8.24	197.90	26.39	5.47	8.45	2.66	1.13